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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 9

Complete if Known

Application Number	10/670,065
Filing Date	9/24/2003
First Named Inventor	Markovitz et al.
Art Unit	1641
Examiner Name	Cook
Attorney Docket Number	UM-08388

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code ² Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
	1	WO 98/39298	09/03/1998	Sharon	whole document	
	2	WO 05/012872 A2	02/10/2005	Isreal	whole document	
	3	DT 1810423				

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	3	Traub, P. Intermediate Filaments A Review, (Springer-Verlag, New York, Tokyo, 1985).	
	4	Fuchs, E. & Weber, K. Intermediate filaments: structure, dynamics, function, and disease. Annu Rev Biochem 63, 345-82 (1994).	
	5	Christian, J.L., Edelstein, N.G. & Moon, R.T. Overexpression of wild-type and dominant negative mutant vimentin subunits in developing Xenopus embryos. New Biol 2, 700-11. (1990).	
	6	Colucci-Guyon, E. et al. Mice lacking vimentin develop and reproduce without an obvious phenotype. Cell 79, 679-94. (1994).	
	7	Eckes, B. et al. Impaired mechanical stability, migration and contractile capacity in vimentin-deficient fibroblasts. J Cell Sci 111, 1897-907 (1998).	
	8	Galou, M. et al. Disrupted glial fibrillary acidic protein network in astrocytes from vimentin knockout mice. J Cell Biol 133, 853-63. (1996).	
	9	Eckes, B. et al. Impaired wound healing in embryonic and adult mice lacking vimentin. J Cell Sci 113, 2455-62 (2000).	
	10	Cain, H., Kraus, B., Krause, R., Osborn, M. & Weber, K. Vimentin filaments in peritoneal macrophages at various stages of differentiation and with altered function. Virchows Arch B Cell Pathol Incl Mol Pathol 42, 65-81 (1983).	
	11	Rius, C., Cabanas, C. & Aller, P. The induction of vimentin gene expression by sodium butyrate in human promonocytic leukemia U937 cells. Exp Cell Res 188, 129-34 (1990).	
	12	Rius, C. & Aller, P. Vimentin expression as a late event in the in vitro differentiation of human promonocytic cells. J Cell Sci 101, 395-401 (1992).	

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	13	Reddy, V.Y., Zhang, Q.Y. & Weiss, S.J. Pericellular mobilization of the tissue-destructive cysteine proteinases, cathepsins B, L, and S, by human monocyte-derived macrophages. Proc Natl Acad Sci U S A 92, 3849-53 (1995).	
	14	Punturieri, A. et al. Regulation of Elastolytic Cysteine Proteinase Activity in Normal and Cathepsin K-deficient Human Macrophages. J Exp Med 192, 789-800 (2000).	
	15	Cain, H., Krauspe, R. & Kraus, B. The cytoskeleton in activated and in functionally disordered cells of the macrophage system. Pathol Res Pract 175, 162-79 (1982).	
	16	Gao, Y. & Sztul, E. A novel interaction of the Golgi complex with the vimentin intermediate filament cytoskeleton. J Cell Biol 152, 877-94. (2001).	
	17	Traub, P. Large scale isolation, purification, and partial characterization of the intermediate filament-specific, Ca ²⁺ -activated proteinase from porcine kidney and Ehrlich ascites tumor cells: a comparative study. Arch Biochem Biophys 228, 120-32. (1984).	
	18	Traub, P., Scherbarth, A., Willingale-Theune, J., Paulin-Levasseur, M. & Shoeman, R. Differential sensitivity of vimentin and nuclear lamins from Ehrlich ascites tumor cells toward Ca ²⁺ -activated neutral thiol proteinase. Eur J Cell Biol 46, 478-90. (1988).	
	19	Yoshida, H., Murachi, T. & Tsukahara, I. Degradation of actin and vimentin by calpain II, a Ca ²⁺ -dependent cysteine proteinase, in bovine lens. FEBS Lett 170, 259-62. (1984).	
	20	Perides, G., Kuhn, S., Scherbarth, A. & Traub, P. Probing of the structural stability of vimentin and desmin-type intermediate filaments with Ca ²⁺ -activated proteinase, thrombin and lysine-specific endoproteinase Lys-C. Eur J Cell Biol 43, 450-8. (1987).	
	21	Tozser, J. et al. Effect of serine and tyrosine phosphorylation on retroviral proteinase substrates. Eur J Biochem 265, 423-9. (1999).	
	22	Ben-Ze'ev, A., Babiss, L.E. & Fisher, P.B. Cleavage of vimentin in dense cell cultures. Inhibition upon transformation by type 5 adenovirus. Exp Cell Res 166, 47-62. (1986).	

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	23	Belin, M.T. & Boulanger, P. Processing of vimentin occurs during the early stages of adenovirus infection. J Virol 61, 2559-66. (1987).	
	24	Cheng, T.J. & Lai, Y.K. Identification of mitogen-activated protein kinase-activated protein kinase-2 as a vimentin kinase activated by okadaic acid in 9L rat brain tumor cells. J Cell Biochem 71, 169-81. (1998).	
	25	Turowski, P., Myles, T., Hemmings, B.A., Fernandez, A. & Lamb, N.J. Vimentin dephosphorylation by protein phosphatase 2A is modulated by the targeting subunit B55. Mol Biol Cell 10, 1997-2015 (1999).	
	26	Yasui, Y. et al. Protein kinases required for segregation of vimentin filaments in mitotic process. Oncogene 20, 2868-76. (2001).	
	27	Lo, C.-J., Fu, M. & Cryer, H.G. Interleukin 10 Inhibits Alveolar Macrophage Production of Inflammatory Mediators Involved in Adult Respiratory Distress Syndrome. Journal of Surgical Research 79, 179-184 (1998).	
	28	Bhattacharyya, S., Ghosh, S., Johnson, P.L., Bhattacharya, S.K. & Majumdar, S. Immunomodulatory Role of Interleukin-10 in Visceral Leishmaniasis: Defective Activation of Protein Kinase C-Mediated Signal Transduction Events. Infect. Immun. 69, 1499-1507 (2001).	
	29	Bogdan, C., Vodovotz, Y. & Nathan, C. Macrophage deactivation by interleukin 10. J Exp Med 174, 1549-55. (1991).	
	30	Schlosser-Silverman, E., Elgrably-Weiss, M., Rosenshine, I., Kohen, R. & Altuvia, S. Characterization of Escherichia coli DNA lesions generated within J774 macrophages. J Bacteriol 182, 5225-30 (2000).	
	31	Klymkowsky, M.W., Bachant, J.B. & Domingo, A. Functions of intermediate filaments. Cell Motil Cytoskeleton 14, 309-31 (1989).	
	32	Lehto, V.P., Hovi, T., Vartio, T., Badley, R.A. & Virtanen, I. Reorganization of cytoskeletal and contractile elements during transition of human monocytes into adherent macrophages. Lab Invest 47, 391-8 (1982).	

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	33	Owen, P.J., Johnson, G.D. & Lord, J.M. Protein kinase C-delta associates with vimentin intermediate filaments in differentiated HL60 cells. Exp Cell Res 225, 366-73 (1996).	
	34	Chu, J.J. et al. Taxol induces concomitant hyperphosphorylation and reorganization of vimentin intermediate filaments in 9L rat brain tumor cells. J Cell Biochem 68, 472-83. (1998).	
	35	Szalay, J. et al. Associations of PKC isoforms with the cytoskeleton of B16F10 melanoma cells. J Histochem Cytochem 49, 49-66. (2001).	
	36	Shoeman, R.L. et al. Human immunodeficiency virus type 1 protease cleaves the intermediate filament proteins vimentin, desmin, and glial fibrillary acidic protein. Proc Natl Acad Sci U S A 87, 6336-40. (1990).	
	37	Kontry, E., Kurowska, M., Szczepanska, K. & Maslinski, W. Rottlerin, a PKC isozyme-selective inhibitor, affects signaling events and cytokine production in human monocytes. J Leukoc Biol 67, 249-58. (2000).	
	38	Hansson, G.K., Lagerstedt, E., Bengtsson, A. & Heideman, M. IgG binding to cytoskeletal intermediate filaments activates the complement cascade. Exp Cell Res 170, 338-50 (1987).	
	39	Sanchez, A., Ossorio, C., Alvaro-Gracia, J.M., Padilla, R. & Avila, J. A subset of antibodies from the sera of patients with systemic lupus erythematosus react with vimentin and DNA. J Rheumatol 17, 205-9 (1990).	
	40	Senecal, J.L. & Rauch, J. Hybridoma lupus autoantibodies can bind major cytoskeletal filaments in the absence of DNA-binding activity. Arthritis Rheum 31, 864-75 (1988).	
	41	Franch, A., Castelletto, C., Vila, J.L., Vilaro, S. & Castell, M. Anticytoskeletal autoantibody development in adjuvant arthritis. J Rheumatol 21, 489-97 (1994).	
	42	Lane, B.R. et al. TNF-alpha inhibits HIV-1 replication in peripheral blood monocytes and alveolar macrophages by inducing the production of RANTES and decreasing C-C chemokine receptor 5 (CCR5) expression. J Immunol 163, 3653-61 (1999).	

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	43	Terasaki, M. & Reese, T.S. Characterization of endoplasmic reticulum by co-localization of BiP and dicarbocyanine dyes. J Cell Sci 101, 315-22. (1992).	
	44	Matsukawa, A. et al. Pivotal role of the CC chemokine, macrophage-derived chemokine, in the innate immune response. J Immunol 164, 5362-8 (2000)	
	45	Cherry et al., Enzyme-Linked Fluorescent Detection For Automated Multiplex DNA Sequencing, Genomics 20, 68074 (1994)	
	46	Schmitt et al., Expression of Gene 1.2 and Gene 10 of Bacteriophage T7 Is Lethal to F Plasmid-Containing Escherichia coli, J of Bacteriology 173, 1536-1543 (1991)	
	47	Silaty et al., Accurate insertional inactivation of lacZa: construction of pTrueBlue and M13TrueBlue cloning vectors, Gene 213, 83-91 (1998)	
	48	Henrich et al., Use of the lysis gene of bacteriophage oX174 for the construction of a positive selection vector, Gene 42, 345-349 (1986)	
	49	Viera et al., The pUC plasmids, anM13mp7-derived system for insertion mutagenesis and sequencing with synthetic universal primers, Gene 19, 259-268 (1982)	
	50	Quandt et al., Versatile suicide vectors which allow direct selection for gene replacement in Gram-negative bacteria, Gene 127, 15-21 (1993)	
	51	Wiemann et al., Simultaneous On-Line DNA Sequencing on Both Strands with Two Fluorescent Dyes, Analytical Biochemistry 224, 117-121 (1995)	
	52	Bernard et al., Positive-selection vectors using the F plasmid ccdB killer gene, Gene 148, 71-74 (1994)	

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	53	Dillard et al., Analysis of Streptococcus pneumoniae Sequences Cloned into Escherichia coli: Effect of Promoter Strength and Transcription Terminators, J of Bacteriology 173, 5105-5109 (1991)	
	54	Geider et al., A plasmid cloning system utilizing replication and packaging functions of the filamentous bacteriophage fd, Gene 33, 341-349 (1985)	
	55	Smith et al., fluorescence detection in automated DNA sequence analysis, Nature 321, 674-679 (1986)	
	56	Reynolds et al., Parameters Affecting Transcription Termination by Escherichia coli RNA Polymerase, J Mol Biol 224, 31-51 (1992)	
	57	Hoffmann-Berling, Virology 22, 305-313 (1964)	
	58	Church et al., Multiplex DNA Sequencing, Science 240, 185-188 (1988)	
	59	Prober et al., A System for Rapid DNA Sequencing with Fluorescent Chain-Terminating Dideoxynucleotides, Science 238, 336-341 (1987)	
	60	Wiemann et al., "Doublex" Fluorescent DNA Sequencing: Two Independent Sequences Obtained Simultaneously in One Reaction with Internal Labeling and Unlabeled Primers, Analytical Biochemistry 234, 166-174 (1996)	
	61	Egholm et al., PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules, Nature 365, 566-568 (1993)	
	62	Sanger et al., DNA sequencing with chain-terminating inhibitors, PNAS 74, 5463-5467 (1977)	

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	63	Lipman et al., A tool for multiple sequence alignment, PNAS 86, 4412-4415 (1989)	
	64	Fitzgerald et al., Rapid shotgun cloning utilizing the two base recognition endonucleases CviJ1, Nucleic Acids Research 20, 3753-3762 (1992)	
	65	Rose, Nucleic Acids Research 16, 355 (1988)	
	66	Tabor et al., A single residue in DNA polymerases of the Escherichia coli DNA polymerase I family is critical for distinguishing between deoxy- and dideoxynucleotides, PNAS 92, 6339-6343 (1995)	
	67	Chen et al., Cloning of Streptococcus pneumoniae DNA fragments in Escherichia coli requires vectors protected by strong transcriptional terminators, Gene 55, 179-187 (1987)	
	68	Bolivar et al., Construction and Characterization of New Cloning Vehicles, Gene 2, 95-113 (1977)	
	69	Liu et al., An Efficient Method for Blunt-End Ligation of PCR Products, Biotechniques 12, 28-29 (1992)	
	70	Creasey et al., Application of a Novel Chemiluminescence-Based DNA Detection Method to Single-Vector and Multiplex DNA Sequencing, BioTechniques 11, 102-109 (1991)	
	71	Neurath et al., Antibodies to Interleukin 12 Abrogate Established Experimental Colitis in Mice, J of Exp Med 182, 1281-1290 (1995)	
	72	Chen et al., Construction and properties of a new insertion vector, pJDC9, that is protected by transcriptional terminators and useful for cloning of DNA from Streptococcus pneumoniae, Gene 64, 155-164 (1988)	

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Complete if Known**Application Number** 10/670,065**Filing Date** 9/24/2003**First Named Inventor** Markovitz et al.**Art Unit** 1641**Examiner Name** Cook**Attorney Docket Number** UM-08388

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	73	Podor et al., Vimentin Exposed on Activated Platelets and Platelet Microparticles Localizes Vitronectin and Plasminogen Activator Inhibitor Complexes on Their Surface, J. Biol Chem 277(9):7529 (2002)	
	74	Perides et al., Electrostatic and hydrophobic interactions of the intermediate filament protein vimentin and its amino terminus with lipid bilayers, J Biol Chem 262:13742-13749 (1987)	
	75	Nishimura et al., A di-acidic signal required for selective export from the endoplasmic reticulum, Science 277:556-559 (1997)	
	76	Nishimura et al., A di-acidic (DXE) code directs concentration of cargo during export from the endoplasmic reticulum, J Biol Chem 274:15937-15946 (1999)	
	77	Hansson et al., Fc-mediated binding of IgG to vimentin-type intermediate filaments in vascular endothelial cells, PNAS USA 81:3103-3107 (1984)	

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